

**AMENDMENTS TO THE CLAIMS (Claim Listing under 37 C.F.R. 1.121(c))**

**Claim 1. (Previously presented)** In a window-based computing system having an application program executed by the computing system and displayed within an application window on a display of said computing system, said application program including a plurality of application tools that are represented by application-tool buttons respectively that are to be displayed within a predefined application-tool area when desired, said computing system including a cursor to be displayed on said display when desired for indicating functioning and user's manipulation of a user-input device, a method comprising the steps of:

In response to receiving a user input from said user-input device,

Determining whether any of said application-tool buttons are displayed,

In response to a determination that there is no application-tool button displayed: displaying a plurality of said application program's application-tool buttons within said application-tool area, and automatically causing said cursor to be displayed within said application-tool area without receiving any cursor-movement instruction from said user-input device.

**Claim 2. (Previously presented)** The method as set forth in Claim 1, wherein said application-tool area is a window, which is to be visible on said display when any of said application-tool buttons are displayed therein, said method further comprising the step of: In response to a determination that there is at least one of said application-tool buttons displayed within said application-tool area and thus that the application-tool area window is visible on said display, hiding said application-tool area window.

**Claim 3. (Original)** The method of Claim 1, further comprising the step of: causing said cursor to be in a local mode such that movement of the cursor is restricted within said application-tool area.

**Claim 4. (Previously presented)** The method as set forth in Claim 1, wherein said application-tool buttons are arranged in form of a virtual geometric shape so as to provide instructions for sequentially displaying said application-tool buttons within said application-tool area, whereby said virtual geometric shape is to be partially displayed within said application-tool area when desired, and wherein the method further comprises the step of:

In response to receiving a cursor-movement input for directing the cursor to move in a desired direction,

Determining whether there is substantial space for moving the cursor in said desired direction before the cursor encountering an external boundary of said application-tool area;

When it is determined that there is substantial space for moving the cursor in said desired direction before the cursor encountering the external boundary of said application-tool area, moving said cursor in said desired direction;

When it is determined that there is no substantial space for moving the cursor in said desired direction before the cursor encountering the external boundary of said application-tool area, scrolling said application-tool area's content displayed.

**Claim 5. (Original)** The method as set forth in Claim 4, wherein said application-tool buttons are arranged in such a way that said virtual geometric shape is a virtual rectangle such that said applications-tool buttons form a plurality of virtual rows and columns, and wherein said step of scrolling comprises the steps of:

Determining whether in said desired direction there is any virtually hidden application-tool buttons outside said application-tool area's boundary;

When it is determined that in said desired direction there is virtually hidden application-tool buttons outside said application-tool area's boundary, moving said hidden application-tool buttons into said application-tool area for display.

**Claim 6. (Original)** The method as set forth in Claim 5, wherein two opposite sides of said virtual rectangle are virtually attached to one another such that said virtual rectangular forms a virtual cylinder so as to provide continuous scrolling experience in a desired scrolling direction.

**Claim 7. (Canceled)**

**Claim 8. (Original)** The method as set forth in Claim 1, wherein said user-input device is a handheld remote-control device.

**Claim 9. (Previously presented)** In a window based computing system having an expandable menu for display on a display of said computing system when desired and a cursor to be displayed on said display when desired for indicating functioning and user's manipulation of a user-input device, a method comprising the steps of:

In response to receiving a user input from said user-input device,  
Displaying said menu in its expanded mode on said display such that a plurality of items included in said menu are displayed on said display; and  
Automatically causing said cursor to be visibly located on said expanded menu without receiving any cursor-movement instruction from said user-input device.

**Claim 10. (Original)** The method as set forth in Claim 9, wherein said step of displaying is to be performed before said step of causing.

**Claim 11. (Original)** The method as set forth in Claim 9, wherein said step of displaying is to be performed after said step of causing.

**Claim 12. (Original)** The method of Claim 9, further comprising the step of: causing said cursor to be in a local mode such that movement of the cursor is restricted within the expanded menu displayed.

**Claims 13-31. (Canceled)**

**Claim 32. (New)** In a window based computing system having a plurality of display items displayed on a display of said computing system and a cursor to be displayed on said display when desired for representing functioning and user manipulation of a user-input device of said computing system, a computer-implemented method comprising the steps of:

In response to receiving a cursor-movement command signal from said user-input device for representing a user's instruction of moving said cursor situated at a current cursor position on said display toward a first desired direction, determining, based on a predefined factor, whether any of said plurality of display items is an item desired to be located by said user, and

In response to a determination that a first display item is said item desired to be located by said user, causing said cursor to move to said first display item without receiving any further cursor-movement command signal from said user-input device.

**Claim 33. (New)** The method as set forth in Claim 32, wherein said cursor is in a leaping mode, and wherein said user-input device is a handheld remote control device.

**Claim 34. (New)** The method as set forth in Claim 32, wherein said cursor is in a leaping mode, and wherein said user-input device is a computer mouse.

**Claim 35 (New)** The method as set forth in Claim 32, wherein each of said plurality of display items displayed on said display is a text-based web link or the like, a graphic web link or the like, a file name, a file icon or the like, a file shortcut name, file shortcut icon, a folder name, a folder icon, a folder shortcut name, a folder shortcut icon, an application program name, an application program icon, an application program shortcut name, an application program shortcut icon, a tool bar button of an application program, a pull-down menu or the like, a window-close button, a window-resizing button, a text-input field or the like, a command-input field or the like, an edge of a window, OR, a corner of a window.

**Claim 36 (New)** The method as set forth in Claim 32, wherein each one of said plurality of display items displayed on said display is associated with a computer command that will cause said computing system to perform a user-desired computer action after such display item is clicked on by said user using said user-input device.

**Claim 37 (New)** The method as set forth in Claim 36, wherein said computer action is an action of accessing a web site or web page, opening a file, opening a file folder, executing an application program, expanding an expandable menu, executing a command of an application program, executing a command of said computing system's operating system, causing a text cursor to be located within a text-input box or a command-input box, resizing a window, OR of closing a window.

**Claim 38. (New)** The method as set forth in Claim 1, wherein said application program is a spreadsheet or the like, a web browser or the like, a media player or the like, a word processor or the like, a CAD application or the like, an image editor or the like, an image viewer or the like, a motion-picture editor or the like, motion-picture viewer or the like, a web publishing application or the like, a document reader or the like, an Instant Messaging client or the like, an Instant-Messaging-related application or the like, an E-mail client or the like, or an E-mail-related application or the like.

Claim 39. (New) The method as set forth in Claim 1, wherein said user-input device is a computer mouse or a handheld remote-control device.

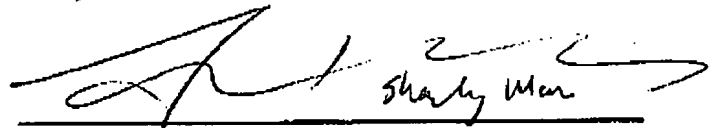
Claim 40. (New) The method as set forth in Claim 9, wherein said user-input device is a computer mouse or a handheld remote-control device

CONCLUSION

Therefore, Claims 7 and 13-31 have been canceled, and new Claims 32-40 are added in the present Amendment Paper.

Respectfully Submitted

SIGNED ON: 08/15/2005

A handwritten signature in black ink, appearing to read 'Shalong Maa', is written over a horizontal line.

BY: Shalong Maa, Ph.D. *Pro Se* Applicant  
P.O. Box 600118,  
Dallas, TX 75360-0118  
sm2k@yahoo.com